



Long duration X-ray burst from GX 3+1

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ATel #327; [S. Brandt, N. Lund, J. Chenevez, C. Budtz-Jorgensen \(DSRI, Copenhagen\), P. Goldoni, G. Belanger, A. Goldwurm \(CEA, Saclay\), E. Kuulkers \(ESA, ESTEC\)](#)
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Distributed as an Instant Email Notice Request For Observations
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During an observation of the Galactic Center the JEM-X instrument on INTEGRAL detected an unusually long X-ray burst from GX 3+1. The burst began on August 31 at 18:57 UTC

After an precursor spike lasting 7 s where the burst reached a flux of about 2000 mCrab in the 4 to 20 keV band the flux fell to around 500 mCrab and then decayed with an e-folding time of about 700 s. This burst appear as intermediate between the normal type-I X-ray bursts (e-folding times up to a few tens of seconds) and the very long "superbursts" (e-folding times of several hours).

Prior to the outburst the source flux was about 150 mCrab.

Follow-up observations are encouraged.

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